

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2526	(metal adj hydroxide) (specific near surface adj area)	US-PGPUB; USPAT	AND	ON	2009/02/25 16:40
S2	73	(metal adj hydroxide) (specific near surface adj area) same cathode	US-PGPUB; USPAT	AND	ON	2009/02/25 16:40
S3	1	("5744429").PNL	USPAT; USOCR	OR	OFF	2009/02/26 09:28
S4	1	("5744259").PNL	USPAT; USOCR	OR	OFF	2009/02/26 09:29
S5	1	("6165642").PNL	USPAT; USOCR	OR	OFF	2009/02/26 09:34
S6	834	(429/218.1).CQLS.	USPAT; USOCR	OR	OFF	2009/02/26 09:40
S7	45	S6 and (metal adj hydroxide)	US-PGPUB; USPAT	AND	ON	2009/02/26 09:41
S8	0	S6 and (metal adj hydroxide) same (specific adj surface adj area)	US-PGPUB; USPAT	AND	ON	2009/02/26 09:41
S9	0	S6 and (metal adj hydroxide) same (specific surface area)	US-PGPUB; USPAT	NEAR	ON	2009/02/26 09:44
S10	167	(metal adj hydroxide) same (specific surface area)	US-PGPUB; USPAT	NEAR	ON	2009/02/26 09:45
S11	3	(metal adj hydroxide) same (specific surface area) and lithium battery	US-PGPUB; USPAT	NEAR	ON	2009/02/26 09:45
S12	77631	kim.in.	US-PGPUB; USPAT	NEAR	ON	2009/02/26 09:56
S13	1	kim.in. and S7	US-PGPUB; USPAT	NEAR	ON	2009/02/26 09:56
S14	2	kim.in. and (metal adj hydroxide) same (specific surface area)	US-PGPUB; USPAT	NEAR	ON	2009/02/26 09:59
S15	1	("7198209").PNL	USPAT; USOCR	OR	OFF	2009/02/26 10:00
S16	1	("7138209").PNL	USPAT; USOCR	OR	OFF	2009/02/26 10:30
S17	1	("5707764").PNL	USPAT; USOCR	OR	OFF	2009/02/26 10:51
S18	181	(429/128).CQLS.	USPAT; USOCR	OR	OFF	2009/02/26 16:16
S19	282	cathode near2 additive	US-PGPUB; USPAT	OR	OFF	2009/03/11 11:51
S20	58	cathode near2 additive same (metal)	US-PGPUB; USPAT	OR	OFF	2009/03/11 11:51

S21	1	("4913988").PNL	USPAT; USOCR	OR	OFF	2009/03/11 12:04
S22	13	("4913988").URPN.	USPAT	OR	OFF	2009/03/11 12:06
S23	33364	specific near surface near area	US-PGPUB; USPAT	OR	OFF	2009/03/11 12:09
S24	33364	specific near surface near area	US-PGPUB; USPAT	ADJ	OFF	2009/03/11 12:09
S25	33264	specific surface area	US-PGPUB; USPAT	ADJ	OFF	2009/03/11 12:10
S26	105	(specific surface area) same (metal near hydroxide)	US-PGPUB; USPAT	ADJ	OFF	2009/03/11 12:10
S27	8	(specific surface area) same (metal near hydroxide) and cathode	US-PGPUB; USPAT	ADJ	OFF	2009/03/11 12:10
S28	1	(specific surface area) same (metal near hydroxide) and cathode	EPO	ADJ	OFF	2009/03/11 12:11
S29	4	(specific surface area) same (metal near hydroxide) and cathode	DERWENT	ADJ	OFF	2009/03/11 12:11
S30	312122	cathode (positive adj electrode)	US-PGPUB; USPAT	OR	OFF	2009/03/11 12:31
S31	295034	cathode (positive adj electrode) and (specific adj surface adj area)	US-PGPUB; USPAT	OR	OFF	2009/03/11 12:32
S32	294725	cathode (positive adj electrode) and (specific adj surface adj area) and lithium	US-PGPUB; USPAT	OR	OFF	2009/03/11 12:32
S33	293887	cathode (positive adj electrode) and (specific adj surface adj area) and (lithium adj ion adj battery)	US-PGPUB; USPAT	OR	OFF	2009/03/11 12:32
S34	2352	(cathode (positive adj electrode) same(specific adj surface adj area)) and (lithium adj ion adj battery)	US-PGPUB; USPAT	OR	OFF	2009/03/11 12:33
S35	2352	(cathode (positive adj electrode) same (specific adj surface adj area)) and (lithium adj ion adj battery)	US-PGPUB; USPAT	OR	OFF	2009/03/11 12:33
S36	77	S34 and (metal adj hydroxide)	US-PGPUB; USPAT	OR	OFF	2009/03/11 12:34
S37	2	(cathode near additive\$2) same (specific adj surface adj area)	US-PGPUB; USPAT	AND	OFF	2009/03/12 09:31
S38	14	(cathode near additive\$2) and (specific adj surface adj area)	US-PGPUB; USPAT	AND	OFF	2009/03/12 09:32
S39	171	(cathode same additive\$2) and (specific adj surface adj area)	US-PGPUB; USPAT	AND	OFF	2009/03/12 09:35
S40	127	(cathode same additive\$2) and (specific adj surface adj area) lithium	US-PGPUB; USPAT	AND	OFF	2009/03/12 09:35

S41	1	("5744259").PN.	USPAT; USOCR	OR	OFF	2009/03/12 10:57
S42	1	("6514638").PN.	USPAT; USOCR	OR	OFF	2009/03/12 11:01
S43	1	("5478674").PN.	USPAT; USOCR	OR	OFF	2009/03/12 11:04
S44	0	"LiCoO.sub.2."	US-PGPUB; USPAT	OR	OFF	2009/03/12 11:06
S45	5072	(lithium adj oxide)	US-PGPUB; USPAT	OR	OFF	2009/03/12 11:06
S46	473	((lithium adj oxide) and (average particle size))	US-PGPUB; USPAT	ADJ	OFF	2009/03/12 11:09
S47	1	("6589694").PN.	USPAT; USOCR	OR	OFF	2009/03/12 11:16
S48	1	("5147738").PN.	USPAT; USOCR	OR	OFF	2009/03/12 11:29
S49	1	("6083643").PN.	USPAT; USOCR	OR	OFF	2009/03/12 11:31
S50	155	(cathode adj active) same hydroxide	USPAT	OR	OFF	2009/03/12 11:33
S51	20380	sato.in.	USPAT	OR	OFF	2009/03/12 12:31
S52	1	("6093503").PN.	USPAT; USOCR	OR	OFF	2009/03/12 12:31
S53	1	("6805996").PN.	USPAT; USOCR	OR	OFF	2009/03/12 12:32
S54	1	"10559904"	US-PGPUB; USPAT	OR	OFF	2009/03/12 12:44
S55	21811	"m.sup.2"\$1g	US-PGPUB; USPAT	OR	OFF	2009/03/12 12:47
S56	1	("m.sup.2"\$1g) with (metal adj hydroxide) and "429".clas.	US-PGPUB; USPAT	OR	OFF	2009/03/12 12:47
S57	739	(hydroxide same catalyst) and "429".clas.	US-PGPUB; USPAT	OR	OFF	2009/03/12 12:48
S58	58	((metal adj hydroxide) same catalyst) and "429".clas.	US-PGPUB; USPAT	OR	OFF	2009/03/12 12:48
S59	48	((metal adj hydroxide) same catalyst) and area and "429". clas.	US-PGPUB; USPAT	OR	OFF	2009/03/12 12:49
S60	1	((metal adj hydroxide) same catalyst) with area) and "429". clas.	US-PGPUB; USPAT	OR	OFF	2009/03/12 12:51
S61	170	((particle near2 size) and (aluminum hydroxide)) and "429".clas.	US-PGPUB; USPAT	ADJ	OFF	2009/03/12 12:53
S62	36	((particle near2 size) same (aluminum hydroxide)) and "429".clas.	US-PGPUB; USPAT	ADJ	OFF	2009/03/12 12:53
S63	36	((particle near2 size) same (aluminum hydroxide)) and "429".clas.	US-PGPUB; USPAT	ADJ	OFF	2009/03/12 12:53

S64	36	((particle near2 size) same (aluminum hydroxide)) and "429".clas.	US-PGPUB; USPAT	ADJ	OFF	2009/03/12 12:53
S65	1856	((particle near2 size) same (aluminum or lithium or calcium or sodium or manganese hydroxide)) and "429".clas.	US-PGPUB; USPAT	ADJ	OFF	2009/03/12 13:13
S66	248	((particle near2 size) same ((aluminum or lithium or calcium or sodium or manganese) adj hydroxide)) and "429".clas.	US-PGPUB; USPAT	ADJ	OFF	2009/03/12 13:14
S67	5	((particle near2 size) same ((aluminum or lithium or calcium or sodium or manganese) adj hydroxide)) with (surface near2 area) and "429".clas.	US-PGPUB; USPAT	ADJ	OFF	2009/03/12 13:14
S68	61	((particle near2 size) same ((aluminum or lithium or calcium or sodium or manganese) adj hydroxide)) same(surface near2 area) and "429".clas.	US-PGPUB; USPAT	ADJ	OFF	2009/03/12 13:17
S69	61	((particle near2 size) same ((aluminum or lithium or calcium or sodium or manganese) adj hydroxide)) same (surface near2 area) and "429".clas.	US-PGPUB; USPAT	ADJ	OFF	2009/03/12 13:17
S70	1	("6818351").PN.	USPAT; USOCR	OR	OFF	2009/03/12 13:38
S71	0	("20050058588").PN.	USPAT; USOCR	OR	OFF	2009/03/12 13:40
S72	1	"20050058588"	USPAT	OR	OFF	2009/03/12 13:40
S73	513	(429/231.5).CQLS.	USPAT; USOCR	OR	OFF	2009/03/12 13:42
S74	111	S73 and hydroxide	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:42
S75	81	S73 and ((sodium aluminum manganese calcium lithium) adj hydroxide)	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:43
S76	5	S73 and ((sodium aluminum manganese calcium lithium) adj hydroxide) same (specific near2 area)	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:44
S77	5	S73 and ((sodium aluminum manganese calcium lithium) adj hydroxide) same (surface near2 area)	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:44
S78	1669	(prepar\$4 near3 positive adj electrode)	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:54

S79	148	((prepar\$4 near3 positive adj electrode) same hydroxide)	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:54
S80	94	((prepar\$4 near3 positive adj electrode) same hydroxide) and lithium	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:55
S81	0	(10/536363).APP.	USPAT; USOCR	OR	OFF	2009/03/12 14:28
S82	19486	((calcium manganese lithium sodium aluminum metal) adj hydroxide) same (surface area)	USPAT	OR	OFF	2009/03/12 14:59
S83	540	((calcium manganese lithium sodium aluminum metal) adj hydroxide) same (surface area) and "429".clas.	USPAT	OR	OFF	2009/03/12 14:59
S84	540	((calcium manganese lithium sodium aluminum metal) adj hydroxide) same (surface adk area) and "429".clas.	USPAT	OR	OFF	2009/03/12 14:59
S85	157	((calcium manganese lithium sodium aluminum metal) adj hydroxide) same (surface adj area) and "429".clas.	USPAT	OR	OFF	2009/03/12 14:59
S86	13171	((calcium manganese lithium sodium aluminum metal) adj hydroxide) same (surface adj area) cathode and "429".clas.	USPAT	OR	OFF	2009/03/12 15:00
S87	84	((calcium manganese lithium sodium aluminum metal) adj hydroxide) same (surface adj area) and cathode and "429".clas.	USPAT	OR	OFF	2009/03/12 15:00
S88	2692	lithium adj ion adj battery	USPAT	OR	OFF	2009/03/12 15:08
S89	1	S88 same (metal adj hydroxide)	USPAT	OR	OFF	2009/03/12 15:08
S90	1	("5196278").PN.	USPAT; USOCR	OR	OFF	2009/03/12 15:26
S91	1	("6165642").PN.	USPAT; USOCR	OR	OFF	2009/03/12 15:33
S92	0	"20060263690"	USPAT	OR	OFF	2009/03/12 15:37
S93	1	"20060263690"	US-PGPUB; USPAT	OR	OFF	2009/03/12 15:37
S94	889	((calcium manganese lithium sodium aluminum metal) adj hydroxide) same (surface area) and "429".clas.	US-PGPUB; USPAT	OR	OFF	2009/03/12 15:40
S95	258	((calcium manganese lithium sodium aluminum metal) adj hydroxide) same (surface adj area) and "429".clas.	US-PGPUB; USPAT	OR	OFF	2009/03/12 15:40
S96	1	("7138209").PN.	USPAT; USOCR	OR	OFF	2009/03/12 16:28

S97	285	(lithium near2 battery) same (improve\$3 adj cycle)	US-PGPUB; USPAT	OR	OFF	2009/03/12 17:10
S98	121	(lithium near2 battery) same (improve\$3 adj cycle) and (positive adj active adj material)	US-PGPUB; USPAT	OR	OFF	2009/03/12 17:11
S99	87	(lithium near2 battery) same (improve\$3 adj cycle) and (surface adj area)	US-PGPUB; USPAT	OR	OFF	2009/03/12 17:12
S100	7	(lithium near2 battery) same (improve\$3 adj cycle) same (surface adj area)	US-PGPUB; USPAT	OR	OFF	2009/03/12 17:25
S101	1	(lithium near2 battery) same (improve\$3 adj cycle) same (surface adj area) same (active)	US-PGPUB; USPAT	OR	OFF	2009/03/12 17:29
S102	39	(lithium near2 battery) same (improve\$3) same (surface adj area) same (active hydroxide)	US-PGPUB; USPAT	OR	OFF	2009/03/12 17:29
S103	1	("5707764").PN.	USPAT; USOCR	OR	OFF	2009/03/13 08:38
S104	1	("7138209").PN.	USPAT; USOCR	OR	OFF	2009/03/13 08:39
S105	1	("5759718").PN.	USPAT; USOCR	OR	OFF	2009/03/13 10:40
S106	15	("3951686"   "4603094"   "4935318"   "5395712"   "5405719"   "5451475").PN. OR ("5759718").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 10:41
S107	159	cathode same (BET (specific adj surface adj area)) same hydroxide same (cathode (positive adj electrode))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 10:45
S108	53	cathode same (BET (specific adj surface adj area)) same hydroxide same (cathode (positive adj electrode)) and "429".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 10:45
S109	37	(metal near3 hydroxide) same (specific surface area) and (cathode or (positive adj electrode))	US-PGPUB; USPAT	ADJ	ON	2009/08/19 16:54
S110	0	(metal near3 hydroxide) same (specific surface area) same (weight near3 percent) and (cathode or (positive adj electrode))	US-PGPUB; USPAT	ADJ	ON	2009/08/19 16:56
S111	0	(calcium near3 hydroxide) same (specific surface area) same (weight near3 percent) and (cathode or (positive adj electrode))	US-PGPUB; USPAT	ADJ	ON	2009/08/19 16:57

S112	1	((calcium near3 hydroxide) same ((specific surface area) or BET) same (weight near3 percent) and (cathode or (positive adj electrode)))	US-PGPUB; USPAT	ADJ	ON	2009/08/19 16:58
S113	1	("6998071").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 17:00
S114	1	("6998071").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/04 12:00
S115	1	"10559904"	US-PGPUB; USPAT	OR	OFF	2010/01/04 13:19
S116	571	(aluminum near2 hydroxide) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/04/22 08:46
S117	1	"10559904"	US-PGPUB; USPAT	AND	ON	2010/04/22 08:47
S118	256	((aluminum near2 hydroxide) or Al(OH)".sub.3") same (cathode or (positive near2 electrode\$2)) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/04/22 08:48
S119	11	((aluminum near2 hydroxide) or Al(OH)".sub.3") same (cathode or (positive near2 electrode\$2)) same (surface near3 area\$2) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/04/22 08:49
S120	3	((aluminum near2 hydroxide) or Al(OH)".sub.3") same "LiCoO.sub.2" same (cathode or (positive near2 electrode\$2)) same (surface near3 area\$2) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/04/22 08:52
S121	3	((aluminum near2 hydroxide) or Al(OH)".sub.3") same "LiCoO.sub.2" same (cathode or (positive near2 electrode\$2)) same (surface near3 area\$2) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/04/22 08:52
S122	3	((aluminum near2 hydroxide) or Al(OH)".sub.3" or Mg (OH)".sub.2" or (magnesium near2 hydroxide)) same "LiCoO.sub.2" same (cathode or (positive near2 electrode\$2)) same (surface near3 area\$2) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/04/22 08:55
S123	5	((aluminum near2 hydroxide) or Al(OH)".sub.3" or Mg (OH)".sub.2" or (magnesium near2 hydroxide)) same "LiCoO.sub.2" same (cathode or (positive near2 electrode\$2)) same (particle\$2 near4 size) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/04/22 08:55

S124	13	((aluminum near2 hydroxide) or Al(OH)".sub.3") same (cathode or (positive near2 electrode\$2)) same (surface near3 area\$2) and "429".clas.	US-PGRUB; USPAT	AND	ON	2010/07/15 11:10
S125	13	S124	US-PGRUB; USPAT	OR	OFF	2010/07/15 11:10
S126	98	((((aluminum near2 hydroxide) or Al(OH)".sub.3") ((magnesium near2 hydroxide) or Mg(OH)".sub.2")) same (cathode or (positive near2 electrode\$2)) and "429".clas.	US-PGRUB; USPAT	AND	ON	2010/07/15 11:14
S127	98	((((aluminum near2 hydroxide) or Al(OH)".sub.3") ((magnesium near2 hydroxide) or Mg(OH)".sub.2")) same (cathode or (positive near2 electrode\$2)) and "429".clas.	US-PGRUB; USPAT	AND	ON	2010/07/15 11:15
S128	1	(10/559904).APP.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/07/15 11:22
S129	13	((((aluminum near2 hydroxide) or Al(OH)".sub.3") ((magnesium near2 hydroxide) or Mg(OH)".sub.2")) same (particle\$2 near3 size\$2) and "429".clas.	US-PGRUB; USPAT	AND	ON	2010/07/15 11:29
S130	26	((((aluminum near2 hydroxide) or Al(OH)".sub.3") ((magnesium near2 hydroxide) or Mg(OH)".sub.2")) same ("mu.m") and "429".clas.	US-PGRUB; USPAT	AND	ON	2010/07/15 11:32
S131	0	(trihydroxyaluminum) and "429".clas.	US-PGRUB; USPAT	AND	ON	2010/07/19 13:50
S132	3	(trihydroxyaluminum)	US-PGRUB; USPAT	AND	ON	2010/07/19 13:50
S133	32	((((aluminum near2 hydroxide) or Al(OH)".sub.3") ((magnesium near2 hydroxide) or Mg(OH)".sub.2")) same ((particle\$2 near3 size\$2) or diameter\$2) and "429".clas.	US-PGRUB; USPAT	AND	ON	2010/07/19 13:51
S134	83077	Al(OH)".sub.3"	US-PGRUB; USPAT	AND	ON	2010/07/19 13:53
S135	56	"AlOH.sub.3"	US-PGRUB; USPAT	AND	ON	2010/07/19 13:54
S136	115	Al near2 "OH.sub.3"	US-PGRUB; USPAT	AND	ON	2010/07/19 13:55
S137	27	((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) same ((particle\$2 near3 size\$2) or diameter\$2) and "429".clas.	US-PGRUB; USPAT	AND	ON	2010/07/19 13:56



S138	134	((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (metal near2 hydroxide\$2)) same ((particle\$2 near3 size\$2) or diameter\$2) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/07/19 14:22
S139	13	S138 and (storage near2 temperature\$2)	US-PGPUB; USPAT	AND	ON	2010/07/19 14:22
S140	134	((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (metal near2 hydroxide\$2)) same ((particle\$2 near3 size\$2) or diameter\$2) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/07/20 11:02
S141	134	S140	US-PGPUB; USPAT	OR	OFF	2010/07/20 11:02
S142	134	((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3") or ath) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (metal near2 hydroxide\$2)) same ((particle\$2 near3 size\$2) or diameter\$2) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/07/20 11:02
S156	17	brucite and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/07/20 14:04
S157	8	residual near2 capacity near3 ratio near3 improv\$5 and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/07/20 14:05
S158	10	((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3") or ath) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) same ((particle\$2 near3 size\$2) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/07/20 14:36
S159	163	((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3") or ath) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/07/20 14:36

S160	0	((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3") or ath) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) same ("mu." micron micrometer nanometer nm) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/07/20 14:37
S161	0	((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3") or ath) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) same ("mum." micron micrometer nanometer nm) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/07/20 14:37
S162	2	((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3") or ath) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) same ("mu." or micron or micrometer or nanometer or nm) and "429".clas.	US-PGPUB; USPAT	AND	ON	2010/07/20 14:37
S163	62318	((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3") or ath) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) same ("mu." or micron or micrometer or nanometer or nm) and "429".clas.	US-PGPUB; USPAT	OR	ON	2010/07/20 14:43
S164	43	((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")))) same ("mu." or micron or micrometer or nanometer or nm) and "429".clas.	US-PGPUB; USPAT	OR	ON	2010/07/20 14:43
S165	1	("6333128").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/20 14:49
S166	43	((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (aluminum near2 hydrous near2 oxide\$2) (magnesium near2 hydrous near2 oxide\$2)) same ("mu.m." or micron or micrometer or nanometer or nm) and "429".clas.	US-PGPUB; USPAT	OR	ON	2010/07/20 15:08

S167	43	(((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (aluminum near2 hydrous near2 oxide\$2) (magnesium near2 hydrous near2 oxide\$2)) same ("mu.m." or micron or micrometer or nanometer or nm)) and "429". clas.	US-PGRUB; USPAT	OR	ON	2010/07/20 15:14
S168	156930	micrometer	US-PGRUB; USPAT	OR	ON	2010/07/20 15:15
S169	43	(((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (aluminum near2 hydrous near2 oxide\$2) (magnesium near2 hydrous near2 oxide\$2)) same ("mu.m." or micron or micrometer or nanometer or nm) and "429". clas.	US-PGRUB; USPAT	OR	ON	2010/07/20 15:19
S170	43	S169	US-PGRUB; USPAT	OR	OFF	2010/07/20 15:19
S171	120	(((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (aluminum near2 hydrous near2 oxide\$2) (magnesium near2 hydrous near2 oxide\$2)) same ("mu.m" or micron or micrometer or nanometer or nm) and "429". clas.	US-PGRUB; USPAT	OR	ON	2010/07/20 15:19
S172	134	(((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (metal near2 hydroxide\$2)) same ((particle\$2 near3 size\$2) or diameter\$2) and "429". clas.	US-PGRUB; USPAT	AND	ON	2010/07/21 09:12
S173	134	S172	US-PGRUB; USPAT	AND	ON	2010/07/21 09:12

S174	45	((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (aluminum near2 hydrous near2 oxide\$2) (magnesium near2 hydrous near2 oxide\$2) (magnesium near3 hydrate) (aluminum near3 hydrate)) same ("mu.m." or micron or micrometer or nanometer or nm) and "429".clas.	US-PGPUB; USPAT	OR	ON	2010/07/21 09:13
S175	0	((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (aluminum near2 hydrous near2 oxide\$2) (magnesium near2 hydrous near2 oxide\$2) (magnesium near3 hydrate) (aluminum near3 hydrate)) same ((nmp or n-methyl-pyrrolidone) and (conductive near2 agent) and ("lico.sub.2")) and "429".clas.	US-PGPUB; USPAT	OR	ON	2010/07/21 09:21
S176	0	((((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (aluminum near2 hydrous near2 oxide\$2) (magnesium near2 hydrous near2 oxide\$2) (magnesium near3 hydrate) (aluminum near3 hydrate)) same ((nmp or n-methyl-pyrrolidone) and ((conduct\$ near2 agent) or (super near2 p) or super-p) and ("lico.sub.2")) and "429".clas.	US-PGPUB; USPAT	OR	ON	2010/07/21 09:22
S177	88	"lico.sub.2" and "429".clas.	US-PGPUB; USPAT	OR	ON	2010/07/21 09:22
S178	6191	"lico.sub.2" and "429".clas.	US-PGPUB; USPAT	OR	ON	2010/07/21 09:23

S179	2	((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3")) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) or (aluminum near2 hydrous near2 oxide\$2) (magnesium near2 hydrous near2 oxide\$2) (magnesium near3 hydrate) (aluminum near3 hydrate) same ((nmp or n-methyl-pyrrolidone) and ((conduct\$ near2 agent) or (super near2 p) or super-p) and ("licoo.sub.2")) and "429".clas.	US-PGPUB; USPAT	OR	ON	2010/07/21 09:23
S180	1	("6146694").PN.	US-PGPUB; USOCR	OR	OFF	2010/07/21 09:27
S181	1	("6416904").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/21 09:27
S182	1	("6274272").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/21 09:27
S183	7	("6077496").PN. OR ("6274272").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/21 09:28
S184	0	S174 and S183	US-PGPUB; USPAT	OR	ON	2010/07/21 09:28

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S144	6	((aluminum near2 hydroxide) or "AlOH.sub.3" or (Al near2 "oh.sub.3") or ath) ((magnesium near2 hydroxide) or MgOH".sub.2" or (mg near2 "oh.sub.2")) same ((particle\$2 near3 size \$2) or diameter\$2) and "429".clas.	USPAT; UPAD	AND	ON	2010/07/20 11:16
S146	4	residual near2 capacity near3 ratio near3 improv\$5 and "429".clas.	USPAT; UPAD	AND	ON	2010/07/20 11:38
S149	5	("2994625"   "3578504"   "4152224"   "5026617").PN. OR ("5192628").URPN.	US-PGPUB; USPAT	OR	OFF	2010/07/20 11:58
S150	5	("2994625"   "3578504"   "4152224"   "5026617").PN. OR ("5192628").URPN. and hydroxide\$2	US-PGPUB; USPAT	OR	OFF	2010/07/20 11:58
S151	2	S149 and hydroxide\$2	US-PGPUB; USPAT	OR	OFF	2010/07/20 11:59

S155	0	((cathode or positive) same (surface near2 area\$2) same (additive) same (((aluminum near2 hydroxide) or "AlOH. sub.3" or (Al near2 "oh. sub.3" or ath) ((magnesium near2 hydroxide) or MgOH". sub.2" or (mg near2 "oh. sub.2")))).clm.	USPAT; UPAD	OR	OFF	2010/07/20 12:03
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